Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050523\
Data File : VW025869.D
Acq On : 05 May 2023 14:29
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025597

Quant Time: May 05 23:49:25 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
Quant Title : SFAM01.0
QLast Update : Fri May 05 23:47:36 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	560390	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	493202	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	250067	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	216818	27.303	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 109.200%			
7) Chloroethane-d5	2.893	69	163464	27.766	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 111.080%			
11) 1,1-Dichloroethene-d2	4.027	65	102899	25.877	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 103.520%			
21) 2-Butanone-d5	7.075	46	139121	52.994	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 105.980%			
24) Chloroform-d	7.648	84	427432	26.452	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 105.800%			
26) 1,2-Dichloroethane-d4	8.307	65	235091	25.728	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.920%			
32) Benzene-d6	8.270	84	874666	27.141	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 108.560%			
36) 1,2-Dichloropropane-d6	9.270	67	272921	26.469	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 105.880%			
41) Toluene-d8	10.319	98	781227	27.185	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 108.760%			
43) trans-1,3-Dichloroprop...	10.575	79	104366	24.970	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 99.880%			
47) 2-Hexanone-d5	10.922	63	99371	56.517	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 113.040%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	218381	27.787	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 111.160%			
66) 1,2-Dichlorobenzene-d4	13.848	152	240335	26.364	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 105.440%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.021	85	164567	26.286	ug/L	97
3) Chloromethane	2.222	50	252484	27.351	ug/L	96
5) Vinyl chloride	2.375	62	264846	27.719	ug/L	99
6) Bromomethane	2.789	94	141220	27.174	ug/L	100
8) Chloroethane	2.930	64	152364	28.044	ug/L	100
9) Trichlorofluoromethane	3.265	101	159473	22.116	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	211344	26.950	ug/L	99
12) 1,1-Dichloroethene	4.045	96	199071	26.562	ug/L	94
13) Acetone	4.112	43	97501	41.885	ug/L	97
14) Carbon disulfide	4.393	76	652996	25.764	ug/L	99
15) Methyl Acetate	4.667	43	123554	26.934	ug/L	99
16) Methylene chloride	4.923	84	215788	18.672	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	213369	26.097	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	314948	25.380	ug/L	99
19) 1,1-Dichloroethane	6.216	63	444732	26.475	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	229236	26.134	ug/L	98
22) 2-Butanone	7.167	43	159592	49.651	ug/L	99
23) Bromochloromethane	7.508	128	92646	24.931	ug/L	94
25) Chloroform	7.673	83	411683	26.665	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	286051	26.088	ug/L	99
29) Cyclohexane	7.959	56	417322	27.304	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	321686	26.670	ug/L	99
31) Carbon tetrachloride	8.069	117	293983	27.083	ug/L	98
33) Benzene	8.319	78	923952	27.078	ug/L	100
34) Trichloroethene	9.093	95	231335	26.420	ug/L	98
35) Methylcyclohexane	9.337	83	418646	26.882	ug/L	99
37) 1,2-Dichloropropane	9.368	63	251695	26.923	ug/L	99
38) Bromodichloromethane	9.642	83	282938	26.380	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	354928	25.889	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	337327	55.435	ug/L	99
42) Toluene	10.386	91	959349	27.516	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	296283	26.082	ug/L	97
45) 1,1,2-Trichloroethane	10.788	97	164756	26.346	ug/L	98
46) Tetrachloroethene	10.861	164	162148	26.323	ug/L	87
48) 2-Hexanone	10.965	43	231993	53.218	ug/L	98
49) Dibromochloromethane	11.129	129	173086	26.734	ug/L	98
50) 1,2-Dibromoethane	11.233	107	154382	26.779	ug/L	99
51) Chlorobenzene	11.654	112	572382	26.501	ug/L	98
52) Ethylbenzene	11.727	91	1088093	27.744	ug/L	97
53) m,p-Xylene	11.837	106	398613	27.615	ug/L	90
54) o-Xylene	12.160	106	370702	27.247	ug/L	98
55) Styrene	12.178	104	651197	27.964	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	212137	27.186	ug/L	96
59) Bromoform	12.343	173	97371	26.288	ug/L	99
60) Isopropylbenzene	12.458	105	1047476	27.557	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	156357	26.457	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	840157	27.906	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	770160	27.721	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	427493	26.125	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	415657	25.143	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	374721	25.678	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	35362	25.803	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	266658	24.550	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	227407	24.991	ug/L	100
71) Naphthalene	15.360	128	466704	27.174	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	209949	26.003	ug/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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